Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082515\
Data File : BF081201.D
Acq On : 25 Aug 2015 16:26
Operator : UM/IZ
Sample : PB85176BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB85176BS

Quant Time: Aug 26 00:27:35 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 24 13:58:19 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.53	152	75439	20.00	ng		-0.01
21) Naphthalene-d8	7.82	136	289413	20.00	ng		-0.01
38) Acenaphthene-d10	9.56	164	127857	20.00	ng		-0.02
63) Phenanthrene-d10	11.03	188	255317	20.00	ng		-0.01
75) Chrysene-d12	13.65	240	222958	20.00	ng		-0.01
86) Perylene-d12	14.97	264	177164	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.11	112	490689	97.83	ng		0.01
7) Phenol-d6	6.18	99	610850	93.34	ng		-0.01
23) Nitrobenzene-d5	7.10	82	369531	58.33	ng		-0.02
41) 2,4,6-Tribromophenol	10.34	330	97539	88.01	ng		-0.01
44) 2-Fluorobiphenyl	8.89	172	626604	64.21	ng		-0.01
78) Terphenyl-d14	12.61	244	582236	55.98	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.02	88	63129	26.71	ng		91
3) Pyridine	2.62	79	152121	22.80	ng	#	79
4) n-Nitrosodimethylamine	2.57	42	101245	27.26	ng	#	76
6) Aniline	6.18	93	157328	16.53	ng	#	46
8) 2-Chlorophenol	6.31	128	168632	30.72	ng		97
9) Benzaldehyde	6.07	77	36387	8.63	ng		87
10) Phenol	6.20	94	253637	32.82	ng		80
11) bis(2-Chloroethyl)ether	6.28	93	180626	30.46	ng		94
12) 1,3-Dichlorobenzene	6.47	146	163385m	27.70	ng		
13) 1,4-Dichlorobenzene	6.55	146	166318	28.47	ng		97
14) 1,2-Dichlorobenzene	6.70	146	170314	31.15	ng		94
15) Benzyl Alcohol	6.69	79	166336	31.42	ng		94
16) 2,2'-oxybis(1-Chloropropan	6.82	45	328443	28.18	ng		99
17) 2-Methylphenol	6.81	107	138490	29.40	ng		95
18) Hexachloroethane	7.04	117	69604	29.49	ng	#	91
19) n-Nitroso-di-n-propylamine	6.96	70	137542	30.34	ng		89
20) 3+4-Methylphenols	6.96	107	174107	29.12	ng	#	51
22) Acetophenone	6.95	105	247137	32.53	ng	#	86
24) Nitrobenzene	7.12	77	211544	31.93	ng		92
25) Isophorone	7.36	82	345386	29.23	ng		97
26) 2-Nitrophenol	7.44	139	84124	30.54	ng	#	61
27) 2,4-Dimethylphenol	7.49	122	141242	28.98	ng		95
28) bis(2-Chloroethoxy)methane	7.59	93	214633	30.75	ng	#	98
29) 2,4-Dichlorophenol	7.68	162	137170	33.43	ng		92
30) 1,2,4-Trichlorobenzene	7.76	180	141867	31.11	ng		99
31) Naphthalene	7.83	128	460696	28.56	ng		98
32) Benzoic acid	7.62	122	86936	31.71	ng		92
33) 4-Chloroaniline	7.90	127	75410	11.08	ng	#	82
34) Hexachlorobutadiene	7.96	225	78856	30.58	ng		97
35) Caprolactam	8.26	113	44237	30.85	ng	#	89
36) 4-Chloro-3-methylphenol	8.39	107	149690	30.61	ng		100
37) 2-Methylnaphthalene	8.53	142	322420	31.64	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.70	216	135495	32.85	ng		97
40) Hexachlorocyclopentadiene	8.69	237	144780	67.81	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.81	196	91776	31.49	ng		99
43) 2,4,5-Trichlorophenol	8.86	196	93219	32.01	ng		98
45) 1,1'-Biphenyl	9.00	154	403104	35.79	ng		97
46) 2-Chloronaphthalene	9.02	162	273169	30.19	ng		98
47) 2-Nitroaniline	9.11	65	109154	29.48	ng		95
48) Acenaphthylene	9.42	152	434350	26.84	ng		99
49) Dimethylphthalate	9.30	163	302561	28.73	ng		100
50) 2,6-Dinitrotoluene	9.36	165	65596	29.02	ng	#	71
51) Acenaphthene	9.59	154	261432	26.98	ng		100
52) 3-Nitroaniline	9.52	138	47573	16.82	ng		99
53) 2,4-Dinitrophenol	9.64	184	77750	64.59	ng	#	75
54) Dibenzofuran	9.76	168	383897	29.57	ng		91
55) 4-Nitrophenol	9.70	139	111446	56.09	ng	#	82
56) 2,4-Dinitrotoluene	9.76	165	84202	28.10	ng	#	62
57) Fluorene	10.10	166	291620	29.20	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.89	232	70449m	31.25	ng		
59) Diethylphthalate	10.00	149	341227	30.62	ng		98
60) 4-Chlorophenyl-phenylether	10.10	204	136141	32.21	ng		98
61) 4-Nitroaniline	10.14	138	84868	29.35	ng		93
62) Azobenzene	10.26	77	426761	33.23	ng		96
64) 4,6-Dinitro-2-methylphenol	10.17	198	49230	32.29	ng	#	40
65) n-Nitrosodiphenylamine	10.23	169	295271	32.40	ng		99
66) 4-Bromophenyl-phenylether	10.58	248	76293	30.42	ng	#	61
67) Hexachlorobenzene	10.65	284	80903	31.85	ng	#	82
68) Atrazine	10.76	200	85532	33.68	ng		98
69) Pentachlorophenol	10.85	266	94234	61.83	ng		99
70) Phenanthrene	11.05	178	416341	27.52	ng		99
71) Anthracene	11.11	178	471692	32.04	ng		99
72) Carbazole	11.27	167	466833	32.93	ng		97
73) Di-n-butylphthalate	11.61	149	560107	32.65	ng		99
74) Fluoranthene	12.23	202	508814	31.16	ng		96
76) Benzidine	12.37	184	244483	29.03	ng		97
77) Pyrene	12.46	202	516699	28.51	ng		98
79) Butylbenzylphthalate	13.10	149	246773	31.67	ng		96
80) Benzo(a)anthracene	13.64	228	431904	28.89	ng		100
81) 3,3'-Dichlorobenzidine	13.61	252	71858	14.84	ng	#	95
82) Chrysene	13.67	228	337103	25.02	ng		99
83) Bis(2-ethylhexyl)phthalate	13.66	149	323583	32.43	ng	#	98
84) Di-n-octyl phthalate	14.27	149	550236	36.28	ng		100
85) Indeno(1,2,3-cd)pyrene	16.15	276	316465	33.45	ng	#	94
87) Benzo(b)fluoranthene	14.63	252	449336m	35.86	ng		
88) Benzo(k)fluoranthene	14.65	252	302212m	25.88	ng		
89) Benzo(a)pyrene	14.93	252	355788	32.58	ng		97
90) Dibenzo(a,h)anthracene	16.16	278	261389	30.72	ng		97
91) Benzo(g,h,i)perylene	16.49	276	249983	28.96	ng	#	91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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